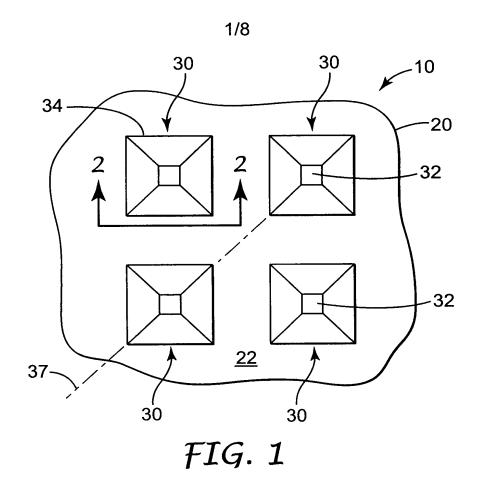
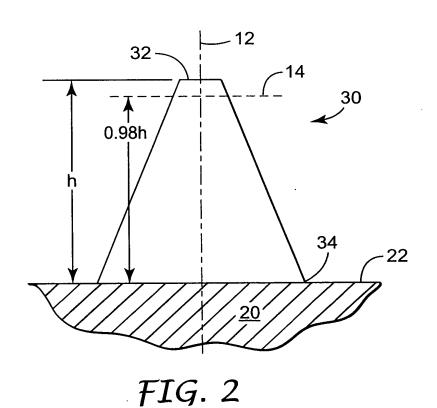
First Named inventor. Granam iv. Carke

Case No.: 57901US005

Title: MICRONEEDLE DEVICES AND MICRONEEDLE

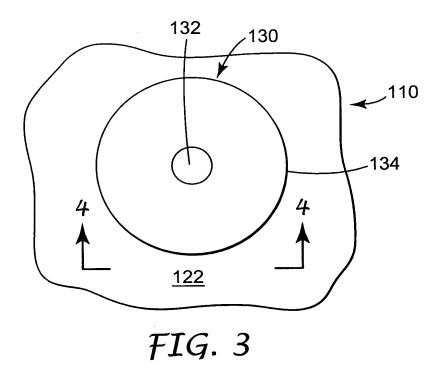


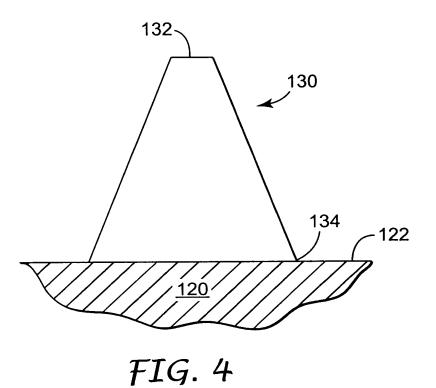


Case No.: 57901US005

Title: MICRONEEDLE DEVICES AND MICRONEEDLE

DELIVERY APPARATUS

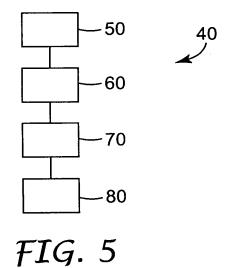




Case No.: 57901US005

Title: MICRONEEDLE DEVICES AND MICRONEEDLE

DELIVERY APPARATUS



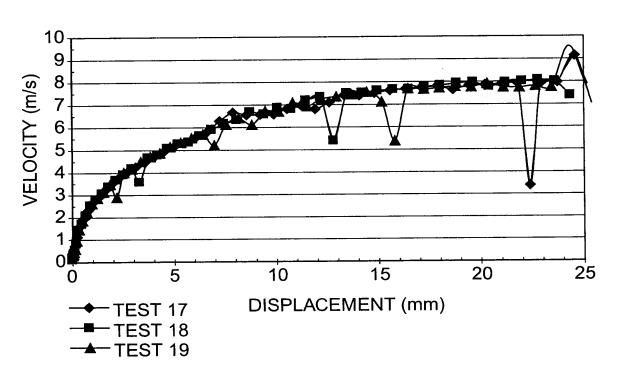


FIG. 6

Case No.: 57901US005

Title: MICRONEEDLE DEVICES AND MICRONEEDLE

DELIVERY APPARATUS

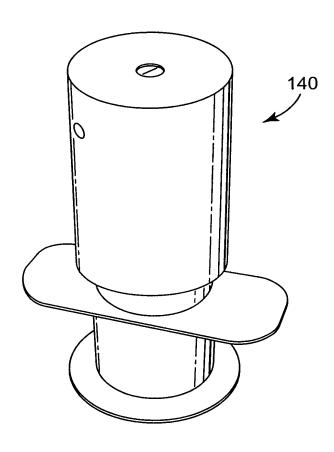


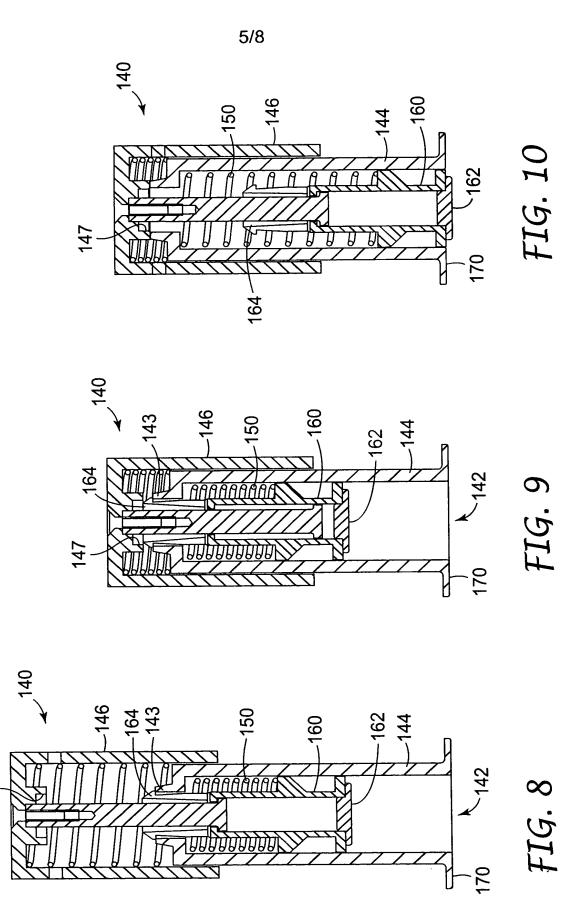
FIG. 7

rirst Named inventor. Granam iv. Carke

Case No.: 57901US005

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Title: MICRONEEDLE DEVICES AND MICRONEEDLE



First Named Inventor. Granam .v., U.alke

Case No.: 57901US005

Title: MICRONEEDLE DEVICES AND MICRONEEDLE



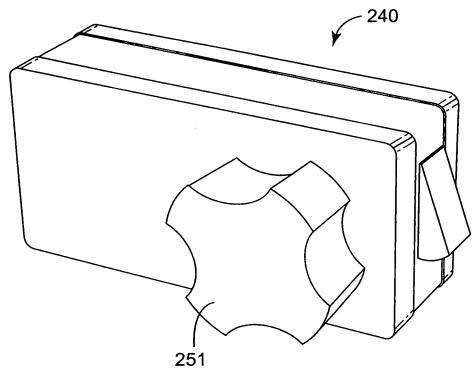


FIG. 11

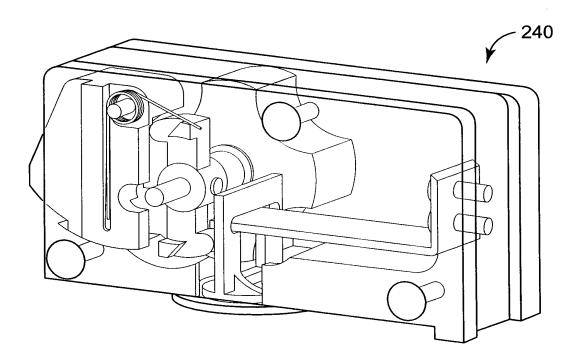


FIG. 12

Case No.: 57901US005

Title: MICRONEEDLE DEVICES AND MICRONEEDLE

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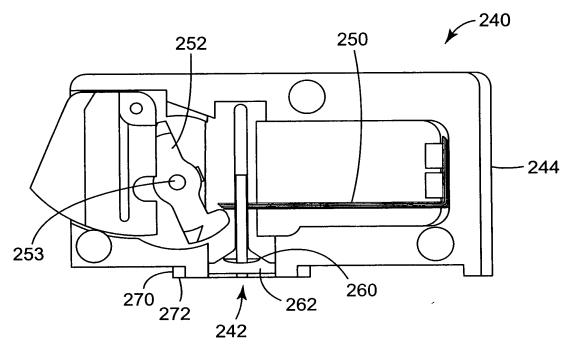


FIG. 13

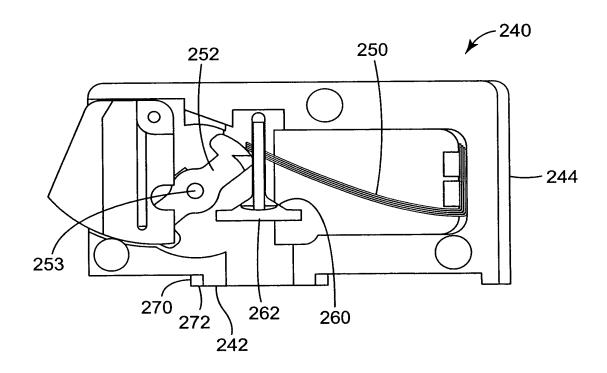


FIG. 14

Case No.: 57901US005

Title: MICRONEEDLE DEVICES AND MICRONEEDLE

DELIVERY APPARATUS

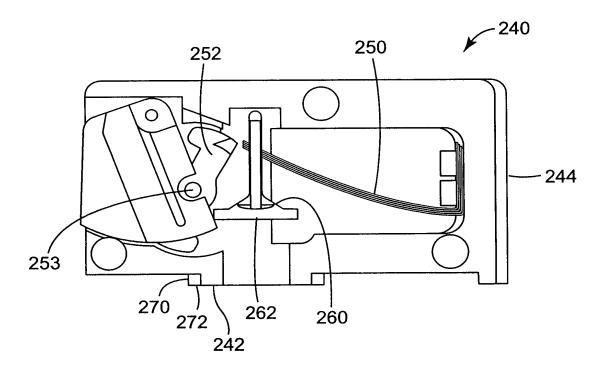


FIG. 15